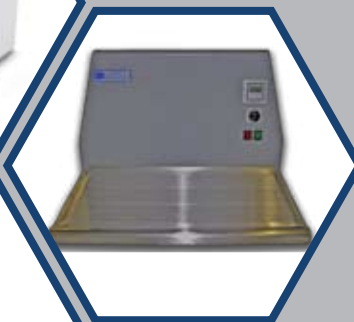
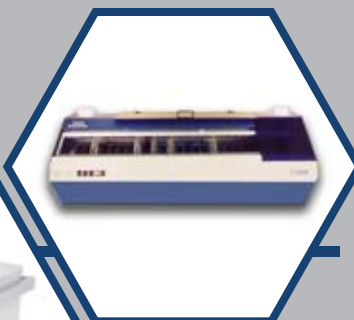


Hacker

Instruments & Industries Inc



2010

1132 Kincaid Bridge Road • P.O. Box 1176 • Winnsboro, South Carolina
29180

Tel: (803) 712-6100 • Fax: (803) 712-6116
HACKERLAB@AOL.COM • www.hackerinstruments.com

Contents

5 / ORDERING INFORMATION
6 / STAINING
6 / HistoPro™ 3030
8 / HistoPro™ 414 <i>Linear Slide Stainer</i>
10 / H/I Linear Stainer MKII
11 / Linear Stainer Ancillaries & Replacements
12 / CYTOLOGY
12 / Cellspin
13 / Cellspin Consumables & Accessories
14 / MICROWAVE TISSUE PROCESSING
14 / MARS <i>Microwave Accelerated Tissue Processor</i>
15 / MARS Accessories
16 / COVERSLIPPING
16 / HCM6000 <i>Automated Glass Coverslipper</i>
17 / HCM6000 <i>Ancillaries & Replacements</i>
18 / HACKER-BRIGHT CRYOSTATS
18 / CliniRF Ultra Low Rapid Freezer Unit
19 / OTF 5000 <i>Microtome Cryostat</i>
20 / OTF 5000 <i>Ancillaries & Replacements</i>
22 / Clinicut <i>Free Standing Mobile Clinical Microtome Cryostat</i>
22 / 8250 & 9400 Whole Body Cryostats
23 / 2212 <i>Portable Benchtop Cryostat</i>
24 / MICROTOMES
24 / Sliding Microtome
24 / Hacker-Bright Series 8000 Sledge Microtome
25 / Hacker-Bright 5040 <i>Rotary Microtome</i>
26 / MR-2 & MR-3 <i>Rotary Retracting Microtomes</i>
27 / CryoHistomat MK3 Microtome Freezing Stage
28 / Microtome Knives
29 / Disposable Knife Systems

30 / LABORATORY TOOLS
30 / Drying Ovens
31 / DownDraft Fume Extractor
32 / HistoPro III <i>Modular Embedding Center</i>
32 / PD 2.0 <i>Paraffin Dispenser</i>
33 / Water Baths
34 / Safety Cabinets
36 / ADDITIONAL SERVICES
36 / Microtome Knife Sharpening Service
37 / Reconditioned Microtome Knives
38 / TIDYLAB ORGANIZATION & STORAGE SOLUTIONS
39 / CASSETTE / SLIDE ORGANIZERS
39 / PARAFFIN BLOCK ORGANIZERS
40 / MULTI-PURPOSE STORAGE
42 / SPECIMEN STORAGE
42 / Centrifuge Tube Storage System
42 / SurePath™ Bottle Storage System
43 / ThinPrep™ Bottle Storage System
44 / “LABSTACK” FILING CABINETS
44 / SLIDE STORAGE CABINET
45 / REFRIGERATED STORAGE
46 / BIOHAZARD SHIELDS
47 / GLOVE STORAGE
48 / HISTOLOGY PRODUCTS
49 / MEDICAL CARTS
50 / DISSECTION KITS
51 / SAFETYCHEM HAZARD LABELING SOFTWARE

Introducing

www.tidylabstore.com

Hacker Industries would like to introduce you to our newest product line:

TidyLab Organization & Storage Solutions.

from
Hacker
Industries

TidyLab is a line of products custom designed to meet the organization, storage, and safety needs of today's histology and pathology laboratories. The TidyLab line ranges from cassette organizers, to specimen storage systems, to biohazard shields and immuno vial organizers – with more to come.



Multi-Purpose
Storage Bin -
Double

TidyLab helps you keep your lab supplies accessible and organized. Multi-unit discounts allow you to affordably customize the perfect configuration for your lab's needs.

Visit us @

www.TidyLabStore.com



48 Cassette
Organizer



Side-Loading
Glove Dispenser
- Triple

MADE IN THE
USA



Immuno Vial
Organizer - Small



3 Slot Paraffin
Block Organizer



SurePrep™ Bottle
Storage System

ORDERING INFORMATION

By Phone

Orders can be placed 9am-5pm EST by calling (803) 712-6100

By Fax

Orders can be faxed to (803) 712-6116

By Email

Orders can be emailed to HACKERLAB@AOL.COM

Please include P.O. #, billing and shipping address, phone number, and any special shipping instructions on all fax and email orders

Terms

F.O.B. Winnsboro, SC. Net 30 Days. All prices and specifications subject to change without notice

Additional Services

Service

H/I maintains a nationwide network of factory trained, independent service organizations as well as a fully staffed, in-house service department. The service department can be reached by calling 1-800-4-HACKER.

Service Contracts

Service contracts are available for all H/I instrumentation. Contracts for service will be quoted on an individual basis. Discounts are available for multiple units located in the same facility.

Trade-Ins

H/I welcomes trade in units when purchasing a new one. Discounting rates quoted on an individual basis.

Refurbished Units

H/I maintains an inventory of affordable priced refurbished units. All refurbished units come with a full warranty. Prices are quoted on an individual basis.

HistoPro® 3030

H&E Slide Stainer

Staining



MADE IN THE
USA

HistoPro® 3030 offers continuous load, multi-protocol, automated slide staining in a compact, price-conscious package.

- Compact Footprint: Only 34" (86 cm) wide
- 30 Stations
- Continuous Load with Multiple Protocols
- 5 Rinse Stations
- 2 Water Inlets
- State-of-the-Art, User-Friendly Operator Interface with Touch Screen
- Built-In Fume Extraction Can Connect to Lab Fume Exhaust System
- Designed and Manufactured in the USA

HistoPro 3030 Slide Stainer Specifications

Capacity

<i>Number of Stations:</i>	30
<i>Number of Rinse Stations:</i>	5 (user selectable)
<i>Rinse Water Flow Control:</i>	Individually adjustable for 4 stations
<i>Number of Water Inlets:</i>	2
<i>Number of Load Station:</i>	1
<i>Number of Unload Station:</i>	2
<i>Unload Station with Xylene for H & E Stains:</i>	1
<i>Unload Station with Water for Special Stains:</i>	1
<i>Reagent Container Volume:</i>	350 ml
<i>Slide Carrier Capacity:</i>	30 slides
<i>Number of Drying Stations:</i>	2
<i>Drying Station Temperature Range:</i>	40° C - 70° C

User Interface

<i>Display:</i>	Active matrix TFT 6.5" display
<i>Touch Screen:</i>	Resistive touch pad
<i>Number of Programs:</i>	50
<i>Number of Steps in a Program:</i>	100
<i>Program Download/Upload:</i>	Via USB port

Physical Characteristics

<i>Width:</i>	34" (86.4 cm)
<i>Depth:</i>	25" (63.5 cm)
<i>Height:</i>	19" (48.3 cm)
<i>Weight:</i>	70 lbs (32 kg)

Electrical Characteristics

<i>Voltage:</i>	115 Volts AC or 230 volts AC, 50/60 Hz
<i>Power</i>	1500 Watts maximum

Cat. No. 97 00 010

Hacker HistoPro® 3030 Slide Stainer

\$26,500.00

1-800-4-HACKER



7

HistoPro™ 414

Linear Slide Stainer



MADE IN THE
USA

HistoPro™ 414 Linear Slide Stainer offers consistent staining of slides in an easy to use, compact, cost conscious package. It is ideal for Mohs techniques, special stains, and general surgical pathology frozen sections

- Fits on top of most cryostats
- 14 Reagent stations including 3 running rinse water stations
- Continuous load; programmable station timing from 2 to 300 seconds
- Holding station for 16 processed slides
- Only 50 ml per reagent container
- Designed and Manufactured in the USA

HistoPro™ 414 Slide Stainer Specifications

Capacity

<i>Number of Stations:</i>	<i>14</i>
<i>Number of Rinse Stations:</i>	<i>Up to 3 (user configurable)</i>
<i>Reagent Container Volume:</i>	<i>50 ml</i>
<i>Slide Carrier Capacity:</i>	<i>4 slides</i>
<i>Processed Slide Holding Tank:</i>	<i>Holds up to 16 slides (4 slide carriers)</i>

User Interface

<i>Display:</i>	<i>2 Line x 16 character LCD display</i>
<i>Station Time:</i>	<i>From 2 seconds to 300 seconds</i>
<i>Agitation Selection:</i>	<i>0-3 dips every 30 seconds</i>

Physical Characteristics

<i>Width:</i>	<i>24.5" (62 cm)</i>
<i>Depth:</i>	<i>8.5" (22 cm)</i>
<i>Height:</i>	<i>11" (28 cm)</i>
<i>Weight:</i>	<i>35 lbs (16 kg)</i>

Electrical Characteristics

<i>Voltage:</i>	<i>12 Volts AC at 2 Amps, external supply</i>
<i>Power</i>	<i>24Watts maximum</i>

Cat. No. 414 00 01	Hacker HistoPro™ 414 Slide Stainer	\$4,850.00
Cat. No. 414 00 05	414 Slide Carrier	\$90.00
Cat. No. 414 00 06	414 Reagent Container	\$69.00
Cat. No. 414 00 07	414 Rinse Container	\$90.00

H / I Linear Stainer MKII



Features & Benefits

<i>Capacity</i>	<i>Typically 1 to 1,200 slides per hour, 2,400 maximum</i>
<i>Continuous Throughput</i>	<i>Slide baskets with 1 to 20 slides can be loaded and stained at any time</i>
<i>Economizes Reagent Use</i>	<i>Test studies have proven that the Linear Stainer reduces reagent consumption up to 40%. Add in the cost of solvent disposal and reagent savings up to 60% can be achieved</i>
<i>Safety</i>	<i>Fume control is provided by 2 carbon cassettes, for a healthier lab environment. Airflow is maintained by 2 axial fans. When unit is switched on, there is a positive airflow downward through the processing chamber, away from the operator. Loading, processing and unloading zones have individual covers</i>
<i>Flexibility</i>	<i>27 stations can be configured to accommodate all routine staining procedures and many special protocols. All stations are tapped to accommodate running water. Water and drain lines are accessible from both ends</i>
<i>Compatibility</i>	<i>Standard slide baskets interface with automated coverslippers. No need to unload and reload slides before coverslipping can begin</i>
<i>User Friendly</i>	<i>Straight forward, easy to use operation. No programming skills required</i>
<i>Extremely Reliable / Low Maintenance Operation</i>	<i>Internal spill tray prevents leaks and corrosion. Optical switches control all mechanical functions, virtually eliminating downtime. Special material reagent baths prevent warping. Solid construction and design.</i>

Dimensions: 59" (L) x 22" (W) x 15.5" + 2.5" (H)

Weight 128 lbs

Voltage range 108-125 V 60 Hz, or 220 - 240 V 50 Hz

Complete with: 27 stations; 16 stations can be used for running water; timers for staining and drying time; slide agitation; 5 standard slide baskets; 5 hanger/adapters; 25 baths for xylene and stains, brown; 2 cassettes including carbon pillows; tubing and connectors for water line and drain; fume extraction by 2 axial fans with activated carbon filters.

MADE IN THE USA



Linear Stainer MKII

Ancillaries & Replacements

Cat. No.		Price USD
15 70 12	Bath for running water (blue)	\$100.00
15 70 12-1	Bath for running water (brown) - <i>special order</i>	\$110.00
15 70 13	Bath for xylene and stains (brown)	\$75.00
15 70 34	Hanger Adaptor for Hacker and Sakura Slide Baskets	\$65.00
157020RBI	Slide Basket, plastic (black, raton) for HCM 6000	\$70.00
387500	Slide Baskets, plastic (beige)	\$85.00
157020MPB	Slide basket, plastic, for Hacker-Meisei RCM (requires adapter #15 70 28)	\$75.00
15 70 20	Slide basket, metal, for Hacker-Meisei RCM (requires adapter #15 70 28)	\$98.00
15 70 28	Hanger Adaptor for beige and Meisei baskets (#387500 & 157020MPB)	\$65.00
157069MPB	Insert for using 15 70 20MPB with Meisei Coverslipper	\$195.00
15 70 03	Replacement carbon pillows, universal activated, 2 sets of 2	\$325.00
15 70 11	Operators manual	\$35.00
15 70 15	Service manual	\$65.00

Cat. No. 15 00 17	H/I Linear Stainer MKII	\$17,250.00
-------------------	-------------------------	-------------

CellSpin

Cytocentrifuge

Advantages & Benefits

- *Acquire outstanding results routinely for thin-layer cytology.*
- *Available with 4, 8, & 12 position cytocentrifuge rotors.*
- *Cell Spin II offers selectable acceleration speeds and stopping times for gentle cell treatment.*
- *Both single and double Cellfunnels*

Safety Features

- *Metal case and lid; safety catch to prevent lid from falling.*
- *Lid lock emergency release**
- *Motor & Boiler overheating protection**
- *Unbalance cut-off.*
- *Simple rotor change.*
- *Automatic rotor recognition*

Specifications

- *Programmable up to 99 minutes.*
- *Up to 3 programs can be saved**
- *The speed is selectable between RPM or RCF from 100 to 6,000 rpm or 100 to 18,000* rpm.*
- *The acceleration* can be set to fast, medium, or slow in order to protect the cells.*
- *The stopping times* are programmable for gentle cell treatment.*
- *Alarm function indicates unbalance.*

**available only on CellSpin II*



	CellSpin I - 4	CellSpin I - 8	CellSpin I - 12	CellSpin II - 12
Cellclip rotor	4 positions	8 positions	12 positions	12 positions
Clips	4 cell clips	8 cell clips	12 cell clips	12 cell clips
Cat. No.	JC 100230/4	JC 100230/8	JC 100230/12	JC 200230/12
List Price	\$5,600.00	\$7,500.00	\$8,500.00	\$9,750.00

CELLSPIN

Consumables & Accessories

All Accessories Compatible with CellSpin™ and CytoSpin™

	Cat. No.		Price USD
	JC304	Cellfunnel reusable 12 pieces (only in combination with JC305)	\$195.00
	JC305	Filtercards for Cellfunnel JC304 - 200 pieces	\$35.00
	JC310	Slides Single circle uncoated - 100 pieces	\$35.00
	JC311	Slides Single circle coated - 100 pieces	\$40.00
	JC320	Cellfunnel disposable - 100 pieces	\$240.00
	JC320/500	Cellfunnel disposable - 500 pieces	\$960.00
	JC306	Double Cellfunnel reusable 12 pieces (only in combination with JC307)	\$195.00
	JC307	Filtercards for Double Cellfunnel JC306 - 500 pieces	\$105.00
	JC309	Slides Double circle uncoated - 100 pieces	\$35.00
	JC312	Slides Double circle coated - 100 pieces	\$40.00
	JC321	Double Cellfunnel disposable - 100 pieces	\$260.00
	JC321/500	Double Cellfunnel disposable - 500 pieces	\$990.00
	JC313	ECOfunnel reusable - 12 pieces	\$195.00
	JC314	ECO seal for ECOfunnel - 100 pieces	\$40.00
	JC315	ECO slides coated - 100 pieces	\$290.00
	JC322	ECOfunnel disposable - 100 pieces	\$325.00
	JC322/500	ECOfunnel disposable - 500 pieces	\$1,450.00
	JC390	Stainless steel clip for Shandon® centrifuge, Box of 6	\$625.00
	JC320	Cellcip for Cellspin (no picture), Box of 6	\$625.00

MARS

Microwave Accelerated Tissue Processor

Now you can enjoy the benefits of rapid tissue processing with greater efficiency and processing capacity. MARS is the state-of-the-art microwave system, manufactured by the worldwide leader in microwave laboratory instrumentation.

MARS processes up to 180 cassettes per run, or anything in between. One processing module does all. No need to purchase separate modules for processing more or less specimens.

All operating systems are contained in one unit. Standard printers can be interfaced via conventional connectors for print outs of runs and procedures.

MARS uses fiber optic temperature control - the most advanced and accurate means of controlling temperature. This feature provides shorter cycle times by allowing a faster rate of heating. Boil-overs are eliminated.



MARS Microwave Tissue Processor

Overall Dimensions: 25" (D) x 20" (W) x 23" (H); 120 lbs; Power Supply: 208-230 V, 50/60 Hz

Complete with: 110 or 180 Cassette Rack; Three (3) Processing Modules (1 Reagent, 1 Vacuum, 1 Paraffin); Three (3) Tray Carriers / Positioning Plates; One (1) Multi-Function Process Lid; Integrated Windows Touchscreen Control Module; Integrated Vacuum System

Cat. No. 26 80 05MARS	MARS 110 Package	\$37,500.00
Cat. No. 26 80 05MARS	MARS 180 Package	\$39,500.00

MARS

Accessories



180 Cassette Rack

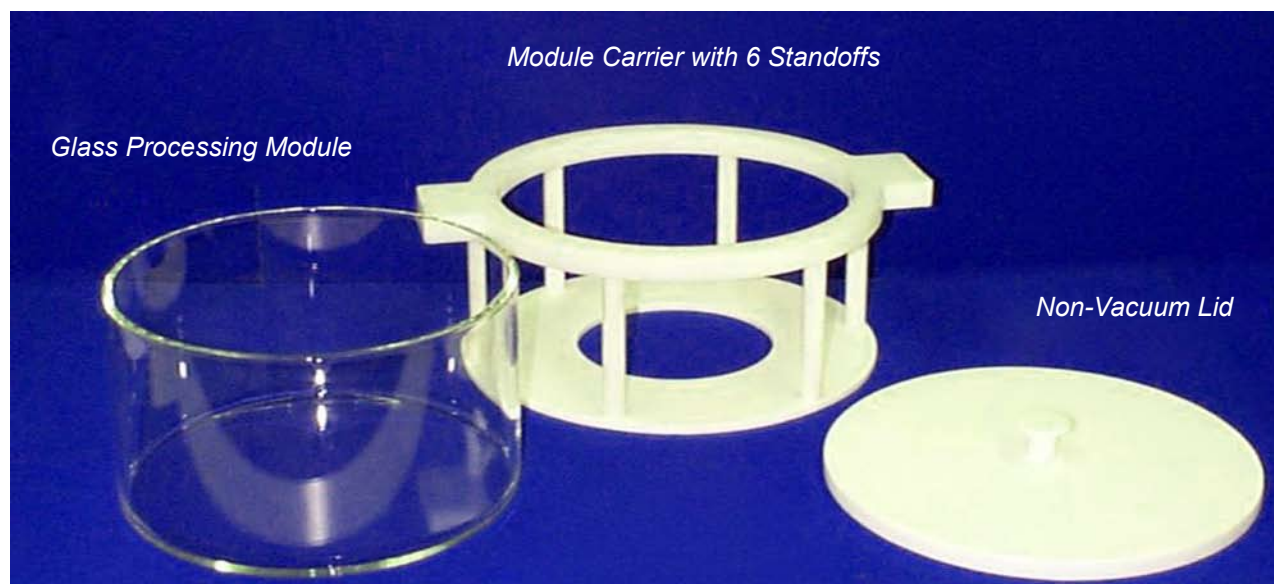


Vacuum Lid



Cassette Rack Hook

Cat. No.		Price USD
26 80 22RTP	180 Cassette Rack	\$1,500.00
26 80 24RTP	Vacuum Lid	\$950.00
26 80 28RTP	Non-Vacuum Lid	\$450.00
MARS100	Magnetic Stir Bar	\$35.00
26 80 34RTP	Positioning Plate	\$160.00
26 80 36RTP	Cassette Rack Handle	\$185.00
26 80 20RTP	Module Stands	\$1,295.00
RTPBEAKER	Glass Processing Modules - Vac & Non-Vac	\$575.00
26 80 32RTP	Weflon Disc	\$350.00



HCM 6000

Automated Glass Coverslipper



25+ years of automated glass coverslipping experience have led to the development of the HCM6000 Coverslipper. The HCM6000 offers a 60 slide loading capacity. The unique dispensing system helps eliminate the formation of air bubbles under the coverglass.

All new microwaveable slide baskets interface with most automated staining machines. Universal coverglass holder for all coverglass brands and sizes. Compact footprint requires minimal counter space.

Complete with: 3 20-slide baskets; 3 storage racks; 3 x 20 basket container with lid; mountant container; coverslip hoppers, one each 24 x 40, 24 x 50, 24 x 55mm; flexible exhaust tubing; spare fuse; power cord; operators manual

Overall dimensions: 16" (H) x 21" (W) x 17" (L) (40.5 x 53 x 43 cm); Weight 128 lbs (58 kg); Voltage range 115/120V 60 Hz 300VA, or 220V 50/60 Hz 300VA

Cat. No. 38 00 12

H/I HCM6000 Automated Glass Coverslipper

\$38,500.00

HCM6000 Coverslipper Ancillaries & Replacements

Cat. No.		Price USD
38A5	Storage rack	\$325.00
157020RBI	20 Slide basket (black - also fits H/I Linear Stainer MKII)	\$70.00
387500	20 Slide basket (beige)	\$85.00
38A6	Xylene trough	\$280.00
38A7	Lid for 38A6	\$115.00
38A3	Coverglass holder	\$65.00
38A4	Mounting media bottle	\$15.00
15 70 20	Metal slide basket - RCM	\$98.00
15 70 30	Metal storage rack - RCM	\$195.00

SuperSlip™

The "Stick Free" Cover Glass

10 75 40	SuperSlip™ Stickfree Glass Coverslips 24 x 40	\$115.00
10 75 50	SuperSlip™ Stickfree Glass Coverslips 24 x 50	\$115.00
10 75 60	SuperSlip™ Stickfree Glass Coverslips 24 x 60	\$115.00



**Special pricing considerations are available contingent on volume*

For Refrigeration you can rely on...

Hacker-Bright
Cryostats



OTF-5000



Clinicut



2212 Micro Cryostat

CliniRF

Ultra Low Rapid Freezer Unit



The CliniRF is a small, free standing, top opening, ultra low temperature freezer unit designed to rapidly freeze tissue specimens for sectioning or processing. The CliniRF eliminates the need to use CO₂ and LN₂, thus also eliminating the need to purchase and store these substances

- Rapid Freezer Tank to -80° C
- -30° C Freezer area for short term storage of specimens
- Removable block & Object holder adaptor
- Included: 4 oz. Cryo-M-Bed, Cooling block removal tool, Allen Key, spare set of fuses, Operators manual

Specifications

Weight: 90 lbs (41 kg); Dimensions: 40" (H) x 18" (W) x 20" (D) (1000 x 450 x 500 mm)

Cat. No. 18 00 01

CliniRF Ultra Low Rapid Freezer Unit

\$11,200.00

OTF 5000

Microtome Cryostat

Standard Equipment: 3 plain object holders; knife cleaning brush; 18cm 22° microtome knife; Cryo-M-Bed 4 oz. Matriz; Allen wrench set and spare fuses; spare anti-roll plate; debris tray; utility shelves; debris plus & low temp oil; operators manual

OTF/LS

OTF 5000 LS-002

-35° operation with heavy duty single compressor, auto-defrost and buffered quartz timer; built-in freezer digital temperature displays; Model 5040 rotary-retracting microtome with 1/60µm advance.

For 115V 20 Amp, NEMA 5-20P

- Object orientation with fine adjustment mechanism
- Motorized advance and rewind
- Standard knife block
- Cryomatic specimen temperature control

Cat. No. OTF 5000/LS-004

Microtome with Quick Release Feather Blade Holder in place of Standard Knife Block. All other features as listed above.

OTF/HS

OTF 5000 HS-002

-40° operation with dual, parallel refrigeration systems; auto-defrost and buffered quartz timer; built-in freezer digital temperature displays; Model 5040 rotary-retracting microtome with 1/60µm advance.

For 115V 20 Amp, NEMA 5-20P

- Robomatic Motor Drive for automated or manual sectioning
- Object orientation with fine adjustment mechanism
- Motorized advance and rewind
- Standard knife block
- Cryomatic specimen temperature control

Cat. No. OTF 5000/HS-004

Microtome with Quick Release Feather Blade Holder in place of Standard Knife Block. All other features as listed above.

Cat. No. OTF 5000/LS-002	Hacker-Bright OTF 5000/LS-002 Package	\$32,500.00
Cat. No. OTF 5000/LS-004	Hacker-Bright OTF 5000/LS-004 Package	\$32,950.00
Cat. No. OTF 5000/HS-002	Hacker-Bright OTF 5000/HS-002 Package	\$39,500.00
Cat. No. OTF 5000/HS-004	Hacker-Bright OTF 5000/HS-004 Package	\$39,950.00

OTF 5000

Ancillaries & Replacements

	Cat. No.	Description	PRICE USD
Inter-changable advance movements	10 70 12	0.2/12 μ m	\$1,812.00
	10 70 13	0.5/30 μ m	\$1,590.00
	10 70 14	1/60 μ m*	\$2,053.00
	10 70 50	2/120 μ m	\$2,168.00
	10 70 55	3/180 μ m	\$2,205.00
	10 70 56	5/300 μ m	\$3,415.00
Plain object holders; use directly in microtome or "O" ancillary (10 70 18)	10 70 07	5 mm diameter	\$107.00
	10 70 08	22 mm diameter	\$86.00
	10 70 09	37 mm diameter	\$202.00
	10 70 10	50 mm diameter	\$252.00
	10 70 11	50 x 50 mm diameter	\$483.00
Plain object holders, longer length	10 70 08-1	22 mm longer length	\$86.00
	10 70 09-1	37 mm longer length	\$202.00
Orientable object holders	10 70 201	Universal holder for 5, 23, 37, & 50 mm object holders	\$1,340.00
	10 70 21	5 mm diameter, aluminum	\$140.00
	10 70 22	22 mm diameter, stainless steel	\$89.00
	10 70 23	37 mm diameter, stainless steel	\$180.00
	10 70 24	50 mm diameter, stainless steel	\$295.00
		Order 5 or more of one size orientable object holder for 10% discount	
Tubular object holders. Not for use with "O" ancillary (10 70 18)	10 70 26	22 mm diameter	\$140.00
	10 70 30	Object holder - 50 x 70 mm	\$445.00
For large sectioning, e.g. brain, whole small animals	10 70 32	Modification to standard anti-roll device for 70 mm sections	\$2,525.00
	10 70 34	Knife extension plate to hold 50 x 70 mm sections	\$556.00
	10 70 38	Modification to microtome - extension of knife block excursion	\$315.00
	10 70 45	Trough and knife conductor, right side*	\$390.00
	10 70 47	Trough and knife conductor, left side	\$390.00
For sectioning calcified tissue		Microtome Knives, Tungsten Carbide Edge:	
	13 00 80	Profile "D" - 16 cm*	\$2,850.00
	13 00 82	Profile "C" 22° - 22/16 cm*	\$3,200.00
For glass knives	10 10 05	Glass knife holder for "Ralph" knives	\$1,750.00
	10 70 15	Pyramid GlassKnife Holder, (6-12 mm glass) fully orientable	\$2,600.00

OTF 5000

Ancillaries & Replacements

	Cat. No.	Description	PRICE USD
"Magnacut" special disposable knife system	10 70 63	"Magnacut" magnetic knife holder	\$1,750.00
	11 70 64	Magnetic knife holder with Magnaplate anti-roll	\$1,975.00
	11 70 50	Magnetic knife holder with standard anti-roll	\$2,100.00
	10 70 62	Magnaplate anti-roll guide plate (part of 10 70 64) for use with disposable knives	\$105.00
	11 55 10	Disposable Magnacut blades, packet of 10 **	\$150.00
Miscellaneous	11 70 53	High/low profile blade holder (uses 11 70 52 or 11 70 58)	\$1,550.00
	11 70 56	High Profile blade holder (uses 11 70 58 only)	\$1,550.00
	11 70 54	Low Profile blade holder (uses 11 70 57 only)	\$1,550.00
	11 70 55	Heavy duty blade holder w/ extended handle (uses 11 70 57 only)	\$1,550.00
	11 70 58	H/I Disposable high profile blades, pkg of 60 ea	\$183.00
	11 70 52	H/I Disposable low profile blades, pkg of 50 ea	\$180.00
	11 70 57	H/I Disposable heavy duty blades, pkg of 35 ea	\$204.00
	11 70 65	Lab Tek object holder, adaptor, for quick-freezer, set of 2	\$410.00
	11 70 82	Set of 2 shelves	\$570.00
For storage of samples of LN2	11 70 18	Quick release object holder for microtome clamp, complete with (50) 22 mm object discs	\$2,425.00
	11 70 19	Extra set of (50) discs	\$595.00
Replacements	10 70 72	Shaft, 72 mm long, for anti-roll plates	\$42.00
	10 70 69	Anti-roll plate, 37 mm long*	\$160.00
	10 70 66	Anti-roll plate, 50 mm long*	\$160.00
	10 70 67	Anti-roll plate, 76 mm long*	\$160.00
	10 70 68	Anti-roll plate, 93 mm long*	\$160.00
	13 27 18	H/I Cryostat knife, Profile "C", 22°, 18 cm	\$540.00
	11 70 74	Fluorescent tube*	\$26.00
	11 70 76	Cyro-M-Bed, 113 ml (4oz)	\$57.00
	11 70 25	Low temperature oil, amber "	\$78.00
	11 40 49	Installation & Operation Manual	\$95.00
	10 70 19	Service Manual	\$105.00

* indicates special order

This is only a partial list of OTF ancillaries, please contact Hacker for a complete catalog

Clinicut

Free Standing Mobile Clinical Microtome Cryostat

- Refrigeration: Hermetically sealed continuous running compressor; chamber temperature minimum -350C at 210C ambient.
- Specimen Freezer: Constantly maintained at -440C to -530C at -200C chamber temperature. Interchangeable freezer plate with preformed embedding molds, insulating cover; fitted mobile heatsink (extractor).
- Defrost: Automatic programmable defrost with manual override.
- Chamber: "Open Top" model, polishes stainless steel interior; integral shelves; ridged polyurethane foam insulation with vapor barrier.
- Cabinet: PVC coated sheet steel with mould ABS polymer top.
- Illumination: Fluorescent light, automatically switches on as window is opened.
- 3020 Microtome features: Radial, flat cutting movement with manual hand-wheel operation; 57mm cutting stroke; 30 mm diameter maximum specimen size; Advance: 2µm to 30µm in 2µm increments; Excursion: 24mm, optional motorized advance/rewind; Quick release orientable specimen holder for 25 mm discs (other options available); Conventional or disposable blade holders; adjustable 0 – 250 knife angle; integral, fully adjustable anti-roll system with plastic antiroll plate; knife guards.

Weight: 215 lb (98 kg)
Dimensions (including handwheel): 27.25" (D) x 26.5"
(W) x 44.75" (H) (690 x 675 x 1135mm)



Cat. No. 11 20 01

CliniCut Free Standing Mobile Cryostat

\$23,500.00

8250 & 9400

Electro-Linear Sledge Microtome Whole Body Cryostats

Both 8250 and 9400 model Cryostats, and most ancillaries, are manufactured to order. This permits some customizing, and customers are invited to discuss their specific need/ application. Prices are for estimations only and subject to change without notice. Please request quotation tailored to your specific requirements.



9400 Cryostat

Cat. No. 11 30 10	Cryostat 8250 with series 8000 retracting microtome with advance 1/40µm, single knife holder and guards, object stage 250 x 110 mm, electrically heated window, manual defrost. Gross weight: 926 lb (420 kg); Cabinet Dimensions: 66" (L) x 22" (W) x 23" (H) (1675 x 556 x 580 mm)	Price USD 119,985.00
Cat. No. 11 30 15	Cryostat 9400 with series 9000 retracting microtome with advance 1/99µm, twin-turret knife holder with guards, object stage 400 x 250 mm, double glazed window, automatic defrost with quartz clock, temperature alarm, knee switch, tongs, dehydration set and vacuum debris collector. Gross weight: 1325 lb (600kg); Cabinet Dimensions: 108.5" (L) x 33.5" (W) x 38" (H) (2750 x 850 x 965 mm)	Price USD 325,995.00

2212

Portable Bench-top Micro-Cryostat

The Only Truly Portable Cryostat

Complete with: -30° operation, digital temperature displays for chamber and freezer; auto-defrost with buffered quartz clock; special microtome; 2/12 µm advance; anti-roll device; magnetic blade holder; 2 blades; 2 object holders; spare fuses

Dimensions: 28.5" (L) x 17.2" (W) x 11.8" (H)
(740 mm x 545 x 315)
Shipping Weight: 90 lbs (37 kg)
110-125V, 60 Hz, hospital grade plug



Cat. No. 11 50 04	Hacker-Bright MicroCryostat 2212	\$21,500.00
-------------------	----------------------------------	-------------

Ancillaries

	Cat. No.	Description	PRICE USD
	11 55 06	Quick-freeze attachment (CO ₂ required)	\$3,360.00
	11 55 12	Cryo-mold, 22 mm diameter	\$285.00
	11 55 14	Cryo-mold, 16 mm diameter	\$285.00
	11 55 16	Cryo-mold, 10 mm diameter	\$260.00
Options	11 55 22	U.V. Sterilization unit	\$2,250.00
	11 55 24	Socket for orientable object holders	\$150.00
	11 55 26	Object holder, 22 mm diameter, orientable	\$290.00
	11 55 23	Storage tray for 10 object holders	\$210.00
Extras & Replacements	11 55 04	Object holder, 22 mm diameter	\$100.00
	11 55 18	Anti-roll plate, replacement for standard unit	\$94.00
	11 55 10	Blades, packet of 10**	\$150.00
	10 70 62	"Magnaplate" anti-roll plate	\$105.00
	11 70 76	Cryo-M-Bed, 113 ml (4oz)	\$69.00

Series 8000

Retracting Base Sledge Microtome



Ideal for cutting a wide range of materials, including bone, plastics, resins and wood as well as large area soft tissue. The 8000 incorporates retraction on the return stroke, helping avoid possible damage to specimens. Freezing stages such as the CryoHistomat (pg. 25) can be used in conjunction with the 8000 on occasions where it is necessary to freeze specimens while in a laboratory environment.

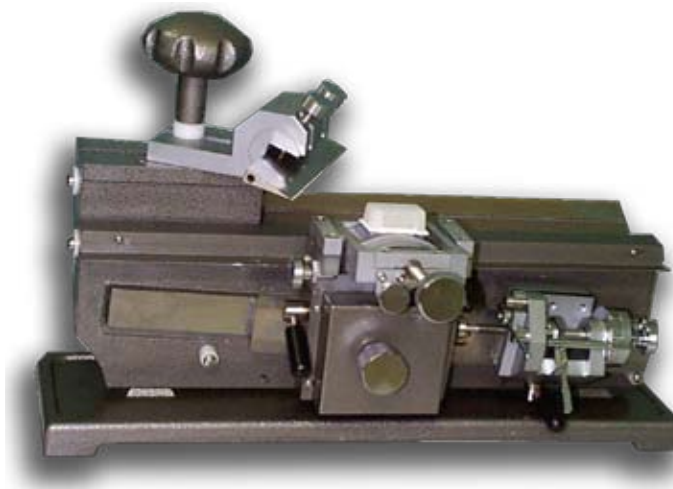
Cat. No. 10 00 18

Hacker-Bright Series 8000 Sledge Microtome

\$16,950.00

H/I Sliding Microtome

Heavy duty microtome with horizontal movement along finely machined slide ways, manual advance 0.5/12 μm with multiplying lever for virtually unlimited section thickness capabilities. Orientable object clamp can accommodate a variety of tissue cassettes or freezing stages. Accepts standard or disposable microtome knives in a variety of lengths



Cat. No. 10 00 20

H/I Sliding Microtome

\$8,525.00

Cat. No. 10 00 21

Disposable Blade Holder for Sliding Microtome

\$1,633.00

Cat. No. 50 24 1

Feather Blades, pack of 50

\$295.00

Cat. No. 13 20 12

Profile C, 12 cm

\$375.00

Cat. No. 13 20 18

Profile C, 18 cm

\$510.00

Hacker-Bright

5040 Microtome

*Rotary Microtome for Plastics
and Hard Specimen*



Microtomes

www.hackerinstruments.com

Features

<i>Construction:</i>	Rotary rocking design of cast alloys, with detergent and solvent resistant epoxy-polyester finish
<i>Specimen Advance:</i>	Standard range of 1-60 μ m in 1 μ m steps. Total specimen excursion 5,550 μ m. Specimen retraction 50 μ m
<i>Specimen Holders:</i>	Either quick release holder for cassettes or standard specimen vice (with V-block) supplied as standard. Orientation with fine adjustment in X-Y planes. Maximum specimen size 50 x 70mm
<i>Knife Holders:</i>	Standard knife holder accepts conventional steel knives, tungsten carbide tipped knife and disposable blade holders. Sliding knife carriage with central lock
<i>Motorized Section Cutting:</i>	(Optional) with variable speed, cutting zone, single or continuous modes, emergency stop
<i>Safety Features:</i>	Counter-balanced handwheel with safety lock. Integral knife guards, sliding both ways to cover knife edges

Cat. No. 10 00 07	Hacker-Bright 5040 Microtome	\$13,950.00
Cat. No. 10 00 08	5040 Microtome w/ Feather Blade Block	\$14,500.00
Cat. No. 10 00 13	5040 Microtome w/ Motor Drive and Zone Control	\$21,950.00

1-800-4-HACKER

25

MR-2

Semi-Automated Rotary Retracting Microtome



- Motorized Advance / Return, 2 speed.
- Horizontal specimen advance 28mm
- Orientation: XY axis 80: Z axis 3600
 - Vertical stroke 64mm.
- Holder for standard cassette or universal to 55mm x 50mm.
 - Safety lock for hand wheel.
 - Disposable or conventional knife holder.
- Section Cutting/Thickness: 0.5µm to 2µm in 0.5µm increments; 2µm to 10µm in 1µm increments; 10µm to 20µm in 2µm increments; 20µm to 60µm in 5µm increments.
- INCLUDES: Knife stage for disposable blades; universal cassette clamp orientable (or specify other clamp); standard waste tray; operating instructions; dust cover; foot pedal; power supply & cables; hex wrench; motorized course advance/rewind.

Specifications

Weight: 53 lbs / 24.3 kg

Dimensions: 11" (H) x 11" (W) x 18" (L) (279mm x 273mm x 457mm)

Power supply: 50/60 Hz, 0.8 Amps; Output 24 VDC, 35 Watts

MR-3

Automated Rotary Retracting Microtome



- Motorized cutting with manual override.
- RPM adjustment for ½ RPM to 99 RPM.
- Motorized Advance / Return, 2 speed.
- Horizontal specimen advance 28mm.
- Orientation: XY axis 80: Z axis 3600
 - Vertical stroke 60mm.
- Specimen final position: can be selected top or bottom.
- Holder for standard cassette or universal to 50mm x 50mm.
 - Safety lock for hand wheel.
 - Emergency Stop Button.
 - LCD display.
 - Disposable knife holder.
- Section Cutting/Thickness: 0.5µm to 1µm in 0.5µm increments; 1µm to 10µm in 1µm increments; 10µm to 25µm in 5µm increments.
- INCLUDES: Disposable blade and holder (specify when ordering); universal cassette clamp orientable (or specify other clamp); standard waste tray; operating instructions.

Specifications

Weight: 57.3 lbs / 26 kg;

Dimensions: 11" (H) x 11" (W) x 18" (L) (279mm x 273mm x 457mm)

Power Supply: 115V 60 Hz standard, also available in 230V

Cat. No. 1007 2001	MR-2 Semi-Automated Rotary Microtome	\$10,950.00
Cat. No. 1008 2001	MR-3 Automated Rotary Retracting Microtome	\$14,500.00

CryoHistomat MK3

Microtome Freezing Stage



CryoHistomat MK3

Hacker Industries Cryo-Histomat MK-3 Freezing Stage utilizes a new innovative controller featuring switching power supplies that are overrated 100% to ensure cool operation and continuous service. Microprocessor controlled. Over temperature alarm with power shut down in the event of inadequate flow of cooling water or over use of thaw feature. Continuous display of both set and run temperatures. 110V and 220V operation by switch selection.



Model 3 Model 2 Model 1

Freezing Stages



Closed Circuit Cooling System

Consists of pump and tank to provide a convenient reservoir of cooling water when no source of tap water is near work area. Seven gallon capacity is adequate for operating Model 1, 30 x 40 stage up to 8 hours and larger stages for up to 4 hours

Cat. No. 11 00 21	Model 1 Controller with 30 x 40 mm stage	\$6,975.00
Cat. No. 11 00 22	Model 2 Controller with 75 x 80 mm stage	\$7,750.00
Cat. No. 11 00 23	Model 1 Controller with 1.5 x 1.5 inch stage	\$7,055.00
Cat. No. 11 00 20	ECV Electronically operated solenoid valve enables user to activate tap water supply with the controller power switch	\$650.00
Cat. No. 11 00 10	Closed Circuit Cooling System	\$1,900.00

H/I Microtome Knives



13 21 12*	Profile A, 12 cm	\$350.00
13 22 12	Profile B, 12 cm	\$350.00
13 20 12	Profile C 12 cm	\$375.00
13 23 12*	Profile D, 12 cm	\$395.00
13 20 16	Profile C, 16 cm	\$450.00
13 23 16*	Profile D, 16 cm	\$495.00
13 20 18	Profile C, 18 cm	\$510.00
13 20 25*	Profile C, 25 cm	\$1,350.00
13 23 25	Profile D, 25 cm	\$975.00
Special Knives		
13 27 18	for Cryostat, Profile C, 22 ⁰ , 18 cm	\$540.00
13 00 71*	Cambridge Knife	\$1,150.00
13 00 80*	Profile D with tungsten carbide cutting edge, 16 cm	\$2,850.00
13 00 72*	Profile C with tungsten carbide cutting edge, 24/15/5 cm	\$2,950.00
13 00 82*	Profile C, tungsten carbide cutting edge, 16 cm	\$3,200.00
13 70 02	Handle for microtome knives (except 13 00 80)	\$90.00

*Special Order

PROFILE	CHARACTERISTICS	APPLICATION
"A" 	Plane: very concave, hollow Ground blade with extra-thin cutting edge	Fresh specimens, alcohol-hardened objects, soft celloidin objects
"B" 	Plane: slightly concave, hollow Ground blade with less thin cutting edge	Soft paraffin objects, harder celloidin objects
"C" 	Plane: both sides (wedge shaped) Standard Profile	Paraffin objects, frozen objects, hard celloidin objects
"D" 	Plane: both sides (wedge shaped) Steep cutting edge	Extra-hard objects such as leather, rubber, paper, film, wood, plastics

Disposable Knife Systems



H/I Disposable Blade Holder



Feather Blade Block & Holder



"MagnaCut" Disposable Knife Holder shown
with Knife Removal Tool and Blade

11 70 60	Feather Blade Block & Holder for Bright OTF and 5040	\$4,950.00
11 70 53	H/I Disposable blade holder for high & low profile blades	\$1,550.00
11 70 54	H/I Disposable blade holder for heavy duty blades only	\$1,550.00
11 70 55	H/I Disposable blade holder w/ extended handle	\$1,550.00
11 70 56	H/I Disposable blade holder for high profile blades	\$1,550.00
11 70 64	"MagnaCut" Disposable Blade System: Consists of Magnetic Blade Holder, Magnaplate anti-roll, 10 blades, blade removal tool, box & instructions	\$1,975.00
11 70 50	"MagnaCut" Disposable Blade System: Consists of Magnetic Blade Holder, 50mm anti-roll plate, 10 blades, blade removal tool, micro-adjusting T-piece and stem, box & instructions	\$2,100.00
11 70 50	Magnaplate anti-roll guide plate (part of 10 70 64) for use with disposable blades	\$105.00
11 70 63	"MagnaCut" Magnetic Knife holder only	\$1,750.00
Disposable Blades		
11 70 52	H/I Disposable Low Profile Blades, pack of 50	\$183.00
11 70 58	H/I Disposable High Profile Blades, pack of 60	\$183.00
50 24 1	Feather blades, pack of 50	\$183.00
11 55 10	"MagnaCut" blades, pack of 10	\$150.00
11 70 57	H/I Disposable Heavy Duty Blades, pack of 35	\$204.00

Drying Ovens



APPLICATIONS

- Drying glassware and samples
- Annealing
- Dry heat sterilization
- Evaporation
- Product age acceleration
- Polymerizing plastics

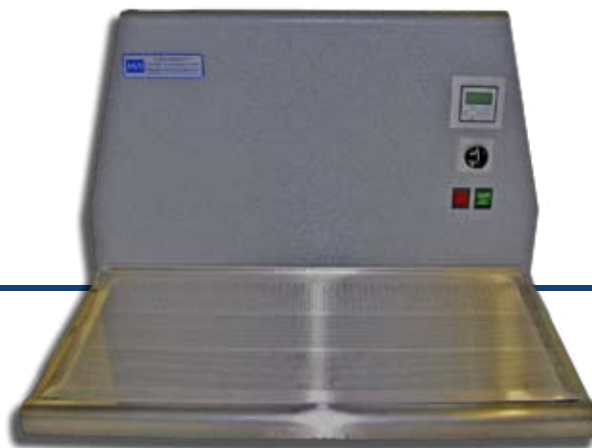
FEATURES

- Double wall construction, glass wool insulation
- Natural air convection
- Bi-metallic thermostats
- Aluminum interior
- Supplied with two adjustable tip-proof zinc plated steel shelves, thermometer (spirit filled)
- Available in three sizes

Model #	107800 & 107800-2	107905 & 107905-2	107801 & 107801-2
Electrical	115 VAC 660W or 230 VAC 660W	115 VAC 660W or 230 VAC 660W	115 VAC 660W or 230 VAC 660W
Chamber Volume	16.7 liters (0.6 cu. ft.)	47.9 liters (1.6 cu. ft.)	76.3 liters (2.7 cu. ft.)
Max. Temp	225°	225°	225°
Overall Dimensions W x D x H	34.9 cm x 34 cm x 41.9 cm 13 3/4" x 13 1/2" x 16 1/2"	41.6 cm x 48.3 cm x 53.9 cm 16 1/2" x 19" x 21 1/4"	49.2 cm x 47.6 cm x 65.1 cm 19 1/2" x 18 3/4" x 25 1/4"
Chamber Dimensions W x D x H	28.6 cm x 24.8 cm x 23.5 cm 11 1/4" x 9 3/4" x 9 1/4"	35.6 cm x 37.8 cm x 35.6 cm 14" x 15" x 14"	43.2 cm x 37.8 cm x 46.7 cm 17" x 14" x 18 1/2"
Net Weight	26 lbs 11.8 kg	48 lbs 21.8 kg	56 lbs 25.4 kg
Price USD	\$790.00	\$1058.00	\$1,311.00

OVENS ARE NOT TO BE USED TO HEAT COMBUSTIBLE MATERIALS

DownDraft Fume Extractor



- Affordability: ductless, no installation costs; uses low cost pelletized activated carbon, not expensive custom filters.
- No net loss of air in lab.
- Hardly noticeable airflow required for most applications.
- Perforations in stainless work tray balance airflow, even when many are blocked by bottles, slides, etc.
- Comfortable: no enveloping hood, no draft.
- Activated carbon contained in cassette drawer; quick interchange and reloading.
- INCLUDES: Stainless detachable work plate; Cassette with set of 2 carbon pillows, universal activated; 6-ft power supply cord; operating instructions

Specifications

Weight: 48Lb, 22 kg
 Dimensions: Overall base 25" (W) x 19" (D) x 16" (H)
 tray area: 21" (W) x 11.5" (D); tray height: 1.5"
 115V, 60 Hz or 220/240V, 50 Hz operation

MADE IN THE USA

APPLICATIONS

APPLICATIONS	
Pathology	Necropsy, Tissue Grossing
Histology/Cytology	Staining & Coverslipping
Life Sciences	Dissections, Animal Surgery
Industry	Work Station for Adhesives, etc.

Cat. No. 15 00 01	DownDraft Fume Extractor	\$3,330.00
Cat. No. 15 70 01	Replacement Carbon Pillows, universal activated, set of 2	\$165.00
Cat. No. 15 70 02	Replacement Carbon Pillows, activated for formaldehyde, set of 2	\$185.00

HistoPro III

Modular Embedding Center



The HistoPro III Embedding Center has all the features you need for safety, convenience, and ease of use. Modular Cold Plate Unit and Paraffin Processing Unit can be used jointly or individually to meet your needs.

FEATURES

- Modular: Pre-heated holding area, paraffin processing, and cold plate modules.
- 150 cassette holding area with cover and adjustable temperature.
- Large 5.9 liter capacity paraffin dispenser with adjustable temperature.
- 6 forceps holders/heating wells – user positioned.
- Foot pedal or manual paraffin dispensing.
- Independent electronic controls for each module and operation.
- Convenient paraffin catch basin located underneath work surface.
- Fully programmable 7 day paraffin processing start time.
- Integrated lighting.
- Flexible magnifying glass.
- Independently controlled “cold spot” on embedding surface.
- Over-sized cold plate, storage areas, and embedding surfaces.
- Modules configured to best suit user preferences.
- Heated holding chamber with 500 embedding mold capacity and adjustable temperature.

MADE IN THE
USA

Dimensions: 16" (L) x 23" (D) x 12.5" (H)

Weight: 110 lbs (49.4 kg)

Cat. No. 54 00 01R

HistoPro III Embedding Center

\$10,950.00

PD 2.0

FEATURES

Paraffin Dispenser

- 1.75 gallon / 6.5 liter capacity
- Two position lever tap
- Drop on stainless steel lid
- Aluminum immersion heater
- Ambient to 800C
- Drip free, high flow paraffin delivery
- Ridged metal casting
- Stainless steel inner reservoir

MADE IN THE
USA

Specifications
Weight: 18 lbs / 8.3 kg
Dimensions: 10" (W) x 10" (D) x 18.5" (H)
110V, 60Hz, 420W



Cat. No. 54 00 05

PD 2.0 Paraffin Dispenser

\$1,995.00

Water Baths

Round Tissue Bath

- Eliminate wrinkles and distortion during the preparation of paraffin embedded tissue sections
- Wide, flat edge serves as a convenient drying surface for processed slides
- Bath surface is black ceramic coated steel for improved visibility of tissue sections
- Equipped with pilot light, dust cover, thermometer holder and non-skid rubber feet
- Has separate on/off switch, pilot light, and thermostat
- Durable and inexpensive
- Rapid heat-up
- Easy to clean and maintain



Illuminated Water Bath

- *Precision temperature controlled water bath eliminates wrinkles and distortion during preparation of paraffin embedded tissue sections*
- *Digital Microprocessor Control with advanced safety over temperature protection*
- *L.E.D. illuminated black background with transparent PYREX® dish; allows specimen to be easily seen*
- *A nonvolatile memory retains the last temperature set point after power off/on*



Illuminated Water Bath w/ Dryer and Orienter Block

- Precision temperature controlled water bath eliminates wrinkles and distortion during preparation of paraffin embedded tissue sections
- Digital Microprocessor Control with advanced safety over temperature protection
- L.E.D. illuminated black background with transparent PYREX® dish; allows specimen to be easily seen
- A nonvolatile memory retains the last temperature set point after power off/on
- Includes the Slide Dryer and Tissue Orienter Blocks



Cat. No. 88 14792	Round Tissue Bath 115V	\$795.00
Cat. No. 88 145701	Illuminated Water Bath w/o Dryer and Orientation Block	\$1,395.00
Cat. No. 88 145950	Illuminated Water Bath w/ Dryer and Orientation Block	\$1,750.00

Safety Cabinets

All Cabinets Feature:

- All welded double wall 18 gauge construction with 1-1/2" insulating air space.
- 2" leak proof sill to contain leaks.
- Lockable flush mounted handle (gripper pad) with 2 keys.
- Door has 3 point locking system and radius edges.
- door is double walled, 14 gauge outside & 18 gauge inside.
- 4" heavy duty welded hinges with brass pins.
- Twin 2" flame arrester vents
- Adjustable leveling feet
- Powder coated yellow finish (see options)
- Safety signage in large red letters.
- Galvanized steel shelves adjust on 2-1/2" centers.
- Grounding connector.
- Meets OSHA and NFPA code 30 & UFC 79 standards
- Chemical storage maximum: Class I & II - 60 gallons, Class III - 120 gallons
- Manual / Self-Close door opens to a full 180°



Under Counter - 35" High - Manual Close

Capacity Gallons	Cat. No.	Size (in) WxDxH	# Shelves	# Doors	Weight (lbs)	Price USD
12	BT12	23 x 18 x 35	1	1	140	\$795.00
22	BT22	34 x 18 x 35	1	2	170	\$950.00
30	BT30	23 x 34 x 35	1	1	220	\$1080.00

Under Counter - 35" High - Self Close

Concealed self closing mechanism (shuts and latches automatically as fusible link melts under fire conditions at 165°)

Capacity Gallons	Cat. No.	Size (in) WxDxH	# Shelves	# Doors	Weight (lbs)	Price USD
12	BK12	23 x 18 x 35	1	1	150	\$810.00
22	BK22	34 x 18 x 35	1	2	180	\$1005.00
30	BK30	23 x 34 x 35	1	1	230	\$1150.00



MADE IN THE USA

Slim Line - 1 Door - Manual Close

Capacity Gallons	Cat. No.	Size (in) WxDxH	# Shelves	Weight (lbs)	Price USD
6	BA06		1		\$650.00
12	BA12	23 x 18 x 35	1	140	\$780.00
18	BA18	23 x 18 x 44	2	170	\$920.00
24	BA24	23 x 18 x 65	3	230	\$950.00
30	BA30	23 x 34 x 35	1	220	\$990.00
40	BA40	23 x 34 x 44	2	270	\$1250.00
60	BA60	23 x 34 x 65	3	360	\$1450.00

Slim Line - 1 Door - Self Close

Concealed self closing mechanism (shuts and latches automatically as fusible link melts under fire conditions at 165°)

Capacity Gallons	Cat. No.	Size (in) WxDxH	# Shelves	Weight (lbs)	Price USD
6	BJ06		1		\$670.00
12	BJ12	23 x 18 x 35	1	150	\$820.00
18	BJ18	23 x 18 x 44	2	180	\$950.00
24	BJ24	23 x 18 x 65	3	242	\$1100.00
30	BJ30	23 x 34 x 35	1	230	\$980.00
40	BJ40	23 x 34 x 44	2	280	\$1290.00
60	BJ60	23 x 34 x 65	3	370	\$1500.00



MADE IN THE USA

2 Door - Manual Close

Capacity Gallons	Cat. No.	Size (in) WxDxH	# Shelves	Weight (lbs)	Price USD
22	BM22	34 x 18 x 35	1	170	\$940.00
28	BM28	34 x 18 x 44	2	220	\$960.00
30	BM30	43 x 18 x 44	1	240	\$990.00
44	BM44	34 x 18 x 65	3	290	\$1200.00
45	BM45	43 x 18 x 65	2	358	\$1260.00
60	BM60	34 x 34 x 65	2	430	\$1500.00
90	BM90	43 x 34 x 65	2	470	\$1740.00
120	BM120	59 x 34 x 65	2	540	\$2440.00

2 Door - Self Close

Concealed self closing mechanism (shuts and latches automatically as fusible link melts under fire conditions at 165°)

Capacity Gallons	Cat. No.	Size (in) WxDxH	# Shelves	Weight (lbs)	Price USD
22	BS22	34 x 18 x 35	1	196	\$960.00
28	BS28	34 x 18 x 44	2	248	\$1200.00
30	BS30	43 x 18 x 44	1	268	\$1240.00
44	BS44	34 x 18 x 65	3	348	\$1460.00
45	BS45	43 x 18 x 65	2	374	\$1500.00
60	BS60	34 x 34 x 65	2	454	\$1600.00
90	BS90	43 x 34 x 65	2	518	\$1850.00

— Microtome Knife Sharpening —

Fast turn-around and guaranteed sharp as new knives. Simply mail your knife to Hacker along with a decontamination certification and we'll get it back out to you in 24 hours.

We sharpen all standard steel knives - profiles "A", "B", "C", & "D". If your A or B knife (hollow profile) have already been re-sharpened like a C profile knife, it is impossible to restore the original profile. These knives can only be re-sharpened with a C profile.

The H/I method does not grind away the large bevel generated by much re-sharpening. If you want the bevel removed, please send your knife first to a machine-shop for surface grinding. H/I can then accept it for sharpening. Note however, that removal of such metal can, on some knives, expose softer metal which may sharpen but will not hold an edge for very long. Such knives are best replaced. The H/I method, while less cosmetic, usually extends the useful life of the knife

For safety, please ship knives only in properly fitted containers.

Knife Size	Price USD
8 cm	\$65.00
10 cm	\$65.00
11 cm	\$75.00
12 cm	\$75.00

Knife Size	Price USD
14 cm	\$85.00
16 cm	\$100.00
18 cm	\$100.00
20 cm	\$135.00

Knife Size	Price USD
22 cm	\$135.00
25 cm	\$140.00
30 cm	\$175.00

Knives can be shipped to:

Hacker Industries
1132 Kincaid Bridge Road
Winnsboro, SC 29180

To request a decontamination certificate, please write to us at: **HACKERLAB@AOL.COM**
or
call us at: **(803) 712-6100** and it can be faxed to you

Reconditioned Microtome Knives



Hacker maintains an inventory of reconditioned microtome knives in all sizes and profiles.

Please Call for Pricing



from **Hacker**
instruments

Keep your lab supplies accessible & protected.

Customize the perfect configuration for your lab & your needs

STACKABLE!

MULTI-UNIT DISCOUNTS!

MADE IN THE USA!



ORDER DIRECT AT WWW.TIDYLABSTORE.COM

or

call us at 1-800-4-HACKER

Cassette Organizers

Manufactured from durable, 1/8" clear acrylic. The unique slanted design holds cassettes and/or slides upright so they are more accessible.

15 Cassette Organizer

Cat. No. 68CO15 3 7/8" (w) x 4 7/8" (d) x 2 1/2" (h) \$65.00



30 Cassette Organizer

Cat. No. 68CO30 7" (w) x 4 7/8" (d) x 2 1/2" (h) \$75.00



48 Cassette Organizer

Cat. No. 68CO48 3.5" (w) x 4.25" (d) x 2.75" (h) \$84.00



3-Slot Paraffin Block Organizer

Holds approximately 85 cassettes.

Cat. No. 68PBO003 7 1/8" (w) x 9 5/8" (d) x 4" (h) \$70.00



5-Slot Paraffin Block Organizer

Holds approximately 140 cassettes.

Cat. No. 68PBO005 4 1/4" (w) x 9 5/8" (d) x 4" (h) \$90.00





Multi-Purpose Storage Unit - Single Bin

*Holds approximately:
1200 biopsy pads
450 tissue cassettes
500 transfer pipettes*

Cat. No. 68MPSB001

9 1/4" (w) x 10 7/8" (d) x 10 1/2"

\$155.00



Multi-Purpose Storage Unit - Double Bin

*Holds approximately:
2200 biopsy pads
850 tissue cassettes*

Cat. No. 68MPSB002

13" (w) x 8 1/8" (d) x 9 1/4" (h)

\$160.00



Mini 8-Drawer Storage Unit

*Ideal for storing cassettes, biopsy pads, tubes,
pipettes, and more. Feet on bottom to keep unit
stationary.*

Cat. No. 68MDS008

12 3/4" (w) x 8 1/2" (d) x 10 1/2" (h)

\$285.00

Multi-Purpose Carousel - 4 Bin / Small

*Holds cassettes, biopsy pads, and transfer pipettes.
Easy access on top for re-stocking and access
at bottom for dispensing. Made from durable 1/4"
acrylic with a revolving bottom.*



Cat. No. 68MPCS4 11 7/8" (w) x 11 1/4" (d) x 9 1/4" (h) \$ 252.00

Multi-Purpose Carousel - 4 Bin / Large

*Additional vertical space for high volume
labs.*



Cat. No. 68MPC004L 15 1/4" (w) x 11 1/4" (d) x 11 7/8" \$296.00

8 Drawer Multi-Purpose Filing System

*Multi-purpose filing system with 8 removable
drawers. Made from durable 1/4" clear acrylic
which allows easy visibility. Drawers will
hold up to 2640 standard cassettes or 624
SurePath® cytology bottles.*



Cat. No. 68MPFS008 10 1/8" (w) x 16" (d) x 24" (h) \$530.00

Cat. No. 68MPFS008-D Extra Drawer \$95.00

Specimen Storage Systems eliminate the need for cardboard... labels can be placed in front of drawer... drawers are sturdy and stable for transportation around the lab...

4 Drawer Centrifuge Tube Storage System



Durable 1/4" Clear Acrylic Construction

324 Tube capacity for centrifuge tubes or any other test tubes requiring storage

Holds tubes from 100mm to 135mm in height and up to 17mm in width.

10.5" (W) x 10.5" (D) x 26" (H)

81 Tubes per drawer



6 Drawer SurePath™ Bottle Storage System

Durable 1/4" Clear Acrylic Construction

216 TriPath SurePrep™ Bottle Capacity



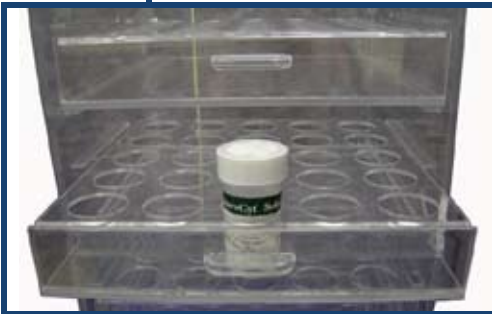
10.5" (W) x 10.5" (D) x 26" (H)

36 Bottles per drawer



6 Drawer ThinPrep™ Bottle Storage System

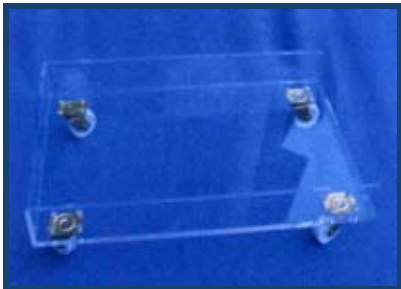
Durable 1/4" Clear Acrylic Construction
150 Cytotec ThinPrep™ Bottle Capacity



10.5" (W) x 10.5" (D) x 26" (H)
25 Bottles per drawer



Rolling Platform for Specimen Storage Systems



For use with all Specimen Storage Systems so that units can be easily transported from room to room. Rolling platform also keeps these filing systems off the floor and protects them when floors are cleaned. Platform has locking wheels with 360 degree rotation. 11" (w) x 16 1/2" (d) x 4" (h)

Cat. No. 68SBSS-324	4 Drawer Tube Storage System	\$570.00
Cat. No. 68SBSS-324D	Extra Tube Storage Drawer	\$165.00
Cat. No. 68SBSS-216	6 Drawer SurePath™ Bottle Storage System	\$580.00
Cat No. 68SBSS-216D	Extra Drawer for SurePath™ Bottle Storage System	\$80.00
Cat. No. 68SBSS-150	6 Drawer ThinPrep™ Bottle Storage System	\$560.00
Cat. No. 68SBSS-150D	Extra Drawer for ThinPrep™ Bottle Storage System	\$75.00
Cat. No. 68SWC	Rolling Platform for Specimen Storage Systems	\$160.00

**"LabStack" Filing Cabinets
Mix & Match to Meet Your Needs**

**"LabStack"
Block Storage Cabinets**

8 Drawers
Holds approximately
3000 cassettes
19" x 19" x 11" 40 lb



**"LabStack"
Slide Storage Cabinets**

14 Drawers
Holds approximately
6000 slides
19" x 19" x 11" 25 lb

78 43 22	"LabStack" Block Storage Cabinet	\$325.00
78 43 12	"LabStack" Slide Storage Cabinet	\$275.00
78 45 15	"LabStack" Base Stand Only	\$90.00
78 45 16	"LabStack" HDWB Heavy Duty Base with Wheels	\$325.00



Slide Storage Cabinet

Holds up to 5000 standard 1" x 3" microscope slides. Constructed of durable cold rolled steel with backed on epoxy finish. Interlockable and stackable up to 10 cabinets high. Includes sponge block spacers and identification labels.

15 3/4" (w) x 18 3/4" (d) x 2 3/4" (h)

88 141000	Slide Storage Cabinet with 6 Drawers	\$275.00
88 141001	Slide Storage Cabinet Base Only	\$125.00
88 141002	Slide Storage Drawers Only	\$76.00



Available in Large (12 channels, 338 immuno vial capacity) and Small (8 channels, 96 immuno vial capacity)

Immuno Vial Organizer

Made from durable PETG material, these storage containers fit in most refrigerators or freezers. The vented sides and back allow cold air to circulate. Each organizer includes two Immuno Vial Racks that fit inside the container so that large quantities of bottles can be neatly organized.



Cat. No. 68IVOS	Immuno Vial Organizer - Small	\$250.00
Cat. No. 68IVRS	Immuno Vial Rack - Small	\$100.00
Cat. No. 68IVOL	Immuno Vial Organizer - Large	\$310.00
Cat. No. 68IVRL	Immuno Vial Rack - Large	\$135.00

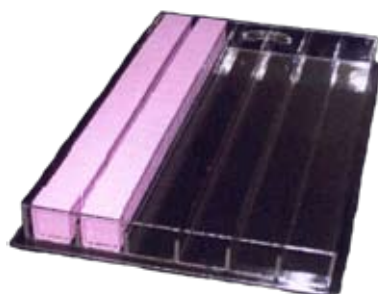
Refrigerator Storage Cabinet

Can be used with a variety of Immuno Reagent Vials and BOND Reagent Racks. Comes with two drawers, 6 channels each.

10 1/8" (w) x 16" (d) x 18" (h)



Cat. No. 68RDC	Refrigerator Storage Cabinet	\$280.00
----------------	------------------------------	----------



Lexan Freezer Rack

Tray allows putting blocks in the freezer for a short period of time to keep blocks cold for cutting. Made of Lexan material

7 1/2" (w) x 12 1/2" (d) x 1 3/4" (h)

Cat. No. 68FPBO	Lexan Freezer Rack	\$100.00
-----------------	--------------------	----------

*Manufactured from durable PETG, a scratch resistant and easy to clean material.
Call for multi-unit discount pricing!*

Protect against splashing and keep materials more contained with this biohazard shield. Feet on the bottom keep the shield stationary.

11 1/2" (w) x 7 1/2" (d) x 15" (h)



Cat. No. 68BSS

Biohazard Shield - Small

\$105.00



The Large Biohazard Shield is designed for easy use and viewing. The height of the shield helps protect against splashing.

15" (w) x 11 1/2" (d) x 23" (h)

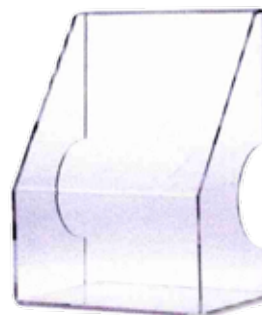
Cat. No. 68BSL

Biohazard Shield - Large

\$125.00

For maximum protection and accessibility, use the Extra-Large Biohazard Shield. This shield is a great addition to a fume hood. Cut-outs on the sides allow arms to reach comfortably behind the shield.

15" (w) x 11 1/2" (d) x 23" (h)



Cat. No. 68BSXL

Biohazard Shield - Extra Large

\$205.00



Side Loading Glove Dispensers

Made from durable PETG and designed to hang vertically or horizontally on the wall or sit on a counter top. Dividers store boxes independently of each other for easy replacement. Holds all brands of gloves.

68DGD	Double Glove Dispenser	10 1/4" (w) x 4 1/4" (d) x 10 3/4" (h)	\$90.00
68TGD	Triple Glove Dispenser	10 1/4" (w) x 4 1/4" (d) x 16" (h)	\$115.00

Top Loading Glove Dispensers

Top loading glove dispensers offer an economical way to store all brands of gloves. Made from durable PETG, these dispensers can either sit on the counter or be hung on a wall.



68TLGD-T	Top Loading Glove Dispenser - Triple	11" (w) x 4 1/4" (d) x 16" (h)	\$90.00
68TLGD-D	Top Loading Glove Dispenser - Double	11" (w) x 4 1/4" (d) x 10" (h)	\$115.00

Formalin Baths

The Formalin or slush bath is ideal for tissue processing. Made from durable 1/2" acrylic and includes a lid with a handle. Designed to hold Tissue Tek® or Polaris® processing racks. Available in two sizes: Large holds two baskets, small holds one.



68FBL	Formalin Bath - Large 11 1/2" (w) x 9 1/2" (d) x 3 1/4" (h)	\$256.00
68FBS	Formalin Bath - Small 6" (w) x 9 1/2" (d) x 3 1/4" (h)	\$365.00



Antibody Vial Rack

4 Removable racks that each hold 7 vials fit down inside a durable acrylic tray. Ideal for storing reagents in the refrigerator.

9 1/4" (w) x 11 1/4" (d) x 1 1/4" (h)

68AVR	Antibody Vial Rack	\$215.00
-------	--------------------	----------

Specimen Tray

Tray will hold 20 180 ml specimen bottle and 5 Uni Cassettes.

9 1/4" (w) x 11 1/4" (d) x 1 1/4" (h)



68ST20	Specimen Tray	\$115.00
--------	---------------	----------



Tissue Cutting Boards

Made of non-porous polyethylene 1/2" material. The detachable legs added to bottom of cutting board raises the overall height to 3 1/2". Rubber caps prevent slipping. Available in two sizes.

68FBL	Tissue Cutting Board - Small 11" (w) x 12" (d) x 3 1/2" (h)	\$120.00
68FBS	Tissue Cutting Board - large 16" (w) x 23" (d) x 3 1/2" (h)	\$250.00

Medical Carts

Models KJ, KK, KM, KN - Medical carts for 24, 30, 40 and 60 cylinders
Please call for pricing



Model KJ

1,200 LB CAP.*
(800 lb with T5 casters)



Model KK

1,200 LB CAP.*
(800 lb with T5 casters)



Model KL

1,200 LB CAP.*
(800 lb with T5 casters)



Model KM

2,000 LB CAP.*



Model KN

2,000 LB CAP.*

Product Features:

- All welded steel construction (except casters)
- Durable 14 gauge trays, 1-1/2" x 3/16" angle corner posts, and 12 gauge caster mounts and tank supports.
- Raised offset handle
- Bolt on casters, 2 swivel & 2 rigid, for easy replacement and superior cart tracking - see specifications chart
- Powder coated gray finish

Model KJ:

- Trays have lasercut 4-1/2" diameter holes to hold cylinders in upright position.
- Overall height - 37"
- Top tray height - 21"

Model KK & KL:

- Trays have lasercut 3-1/2" diameter holes to hold cylinders in upright position.
- Overall height - 37"
- Top tray height - 19"

Model KM & KN:

- Trays have lasercut 4-1/2" diameter holes to hold cylinders in upright position.
- Overall height - 38"
- Top tray height - 22"

Options:

- 2 wheel breaks on swivel casters - code B5, B6, or BN
- All swivel casters - Code AS
- Other colors and casters available

Model KJ - 24 Cylinder Medical Cart for M7, M9, C, D, & E Sizes

WxL (in)	5" Casters Cat. No.'s		Wgt. (lbs)	8" Casters Cat. No.'s	
	Urethane	Thermorubber		Semi-Pneumatic	
24 x 36	KJ024-U5	KJ024-T5	70	KJ024-Z8	

Model KK - 30 Cylinder Medical Cart for M4, M6 & B Sizes

WxL (in)	5" Casters Cat. No.'s		Wgt. (lbs)	8" Casters Cat. No.'s	Wgt. (lbs)
	Urethane	Thermorubber		Semi-Pneumatic	
24 x 24	KK030-U5	KK030-T5	66	KK030-Z8	86

Model KL - 60 Cylinder Medical Cart for M4, M6 & B Sizes

WxL (in)	5" Casters Cat. No.'s		Wgt. (lbs)	8" Casters Cat. No.'s		Wgt. (lbs)
	Urethane	Thermorubber		Semi-Pneumatic		
24 x 48	KL060-U5	KL060-T5	100	KL060-Z8		120

Model KM - 24 Cylinder Medical Cart for M7, M9, C, D, & E Sizes

WxL (in)	6" Casters Cat. No.'s		Wgt. (lbs)	8" Casters Cat. No.'s		Wgt. (lbs)
	Urethane	Thermorubber		Semi-Pneumatic		
24 x 36	KM024-U6	KM024-T6	80	KM024-Z8		90

Model KN - 40 Cylinder Medical Cart for M7, M9, C, D, & E Sizes

WxL (in)	6" Casters Cat. No.'s		Wgt. (lbs)	8" Casters Cat. No.'s		Wgt. (lbs)
	Urethane	Thermorubber		Semi-Pneumatic		
30 x 42	KN040-U6	KN040-T6	120	KN040-Z8		130



Highest quality, stainless steel, precision crafted dissection kit for histology. All the tools you need in a handsome leather case.

9-Piece Dissection Kit

Includes, 1. Teasing Needle with Curved End, 2. Teasing Needle 12.5 cm fine, 3. Teasing Needle 13 cm blunt, 4. Dissecting Scissor 11.5 cm, 5. Dressing Scissor Sh/bl 14cm, 6. Scalpel Handle No. 4, 7. Scalpel Handle No. 3, 8. Dressing Forceps 14 cm, 9. Dressing Forceps Fine 11.5 cm



Cat. No. 44 56 02

9-Piece Dissection Kit

\$35.00

10-Piece Dissection Kit



Cat. No. 44 56 01

10-Piece Dissection Kit

\$40.00

14-Piece Dissection Kit



Cat. No. 44 56 03

14-Piece Dissection Kit

\$50.00

SafetyChem Hazard Labeling Software

- Easily label all chemicals to meet CAP requirements.
- No more hand writing each label.
- Prints one label at a time or full sheets as necessary.
- Software includes a database of over 200 chemicals.
- Easily add, edit, and save new chemicals, cautions, and treatments to the database.
- Perfect for clinical or industrial laboratories.
- Designed by a certified histologist.



Includes:

- CD ROM for use with Microsoft Windows '98, ME, 2000, XP
- Starter set of 10 blank hazard diamond labels (one sheet).
 - Ability to add, save, & edit all chemical information.
 - Operating instructions.

Cat. No. SCL001	SafetyChem Hazard Labeling Software	\$450.00
Cat. No. SCL100	Set of 100 blank hazard diamond labels (10 sheets)	\$25.00
Cat. No. SCL250	Set of 250 blank hazard diamond labels (25 sheets)	\$50.00

